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# nformation Resource Juide





Massachusetts Department of Public Health Bureau of Health Statistics, Research and Evaluation

April 1996



# Massachusetts Department of Public Health Bureau of Health Statistics, Research and Evaluation

# **INFORMATION RESOURCE GUIDE**

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Argeo Paul Cellucci, Lieutenant Governor

#### **Executive Office of Health and Human Services**

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# **Department of Public Health**

David H. Mulligan, Commissioner

**APRIL 1996** 



# Bureau of Health Statistics, Research and Evaluation

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# Division of Research and Epidemiology

Bruce B. Cohen, PhD, Director

# **Massachusetts Cancer Registry**

Susan T. Gershman, PhD, MPH, Director

# Occupational Health Surveillance Program

Letitia Davis, ScD, Director

#### Registry of Vital Records and Statistics

Elaine B. Trudeau, Registrar

# **Division of Data Management**

Duke H. Rhoden, Director

250 Washington Street, 6th Floor Boston, MA 02108-4619 Tel: (617) 624-5600

Fax: (617) 624-5695

This guide was prepared by Alice Mroszczyk and Christine Payne

To request additional copies of the Information Resource Guide, please call (617) 624-5699.

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#### MISSION STATEMENT

## Massachusetts Department of Public Health

The Massachusetts Department of Public Health (MDPH) promotes and assures conditions that improve and protect the health of Massachusetts residents. MDPH focuses on community-based approaches, fosters continuous improvements in the health status of individuals and communities, supports programs which prevent and treat disease and disability, and intervenes to reduce threats to the public's health. MDPH's focus includes the health status of all Massachusetts residents and communities, with particular emphasis on those at highest risk and in greatest need.

MDPH defines health broadly and stresses integration of disease specific programs which reflect the complexity of community, family and individual situations. Priorities are based upon community health status needs. The Department assists communities to define needs, and to identify appropriate public health interventions.

MDPH works with communities, organizations and health care providers to enhance health status, develop and implement public health interventions, contain health care costs, and maximize access to high quality and affordable health care by all Massachusetts residents.



#### Bureau of Health Statistics, Research and Evaluation

The Bureau of Health Statistics, Research and Evaluation (BHSRE) monitors the health status of Massachusetts residents through collecting information on births, deaths, newly diagnosed cases of cancer, occupational illnesses and injuries, and health behaviors. BHSRE provides information essential for identifying local and statewide health problems, and targeting and evaluating public health programs. BHSRE makes information available to the public through: reports and other publications; consulting, technical assistance, lectures, and release of data from individual data sets and electronic information services. BHSRE includes the Registry of Vital Records and Statistics, the Massachusetts Cancer Registry, the Occupational Health Surveillance Program, the Division of Research and Epidemiology, the Chronic Disease Surveillance Program, and the Weapons-Related Injury Surveillance System. Through its Division of Data Management, BHSRE is also actively involved in the development of software to support its surveillance and public information activities

Registry of Vital Records and Statistics: is responsible for the legal registration, collection, and reporting of almost 250,000 births, deaths, marriages, and divorces annually. Massachusetts statewide vital statistics system was established in 1841, and is the oldest statewide system in the nation. Registry data form the basis of health status monitoring in Massachusetts, and Registry data and records are used for research by medical researchers, epidemiologists, demographers, historians, and genealogists. Each year, Registry data are used to publish *Advance Data: Births, Advance Data: Deaths*, and the *Annual Report of Vital Statistics in Massachusetts (Public Document 1)*, which contain a wealth of data on the health status of Massachusetts residents.

Massachusetts Cancer Registry (MCR): collects data on all newly diagnosed cases of cancer for Massachusetts residents from all acute care hospitals in Massachusetts and through inter-state agreements with hospitals in neighboring states. In 1996, the MCR also began to collect cancer incidence data from HMOs, other ambulatory care facilities, private laboratories, and private physician offices. The Rapid case database, maintained by the MCR, provides researchers quick access to cancer incidence data. The cancer registry disseminates cancer incidence data for environmental studies, cancer control, and biomedical research. Each year the MCR issues Cancer Incidence in Massachusetts, which contains a wealth of data on cases of cancer diagnosed in Massachusetts.

**Division of Research and Epidemiology:** provides health related information to the Bureau, the Department, other agencies, community groups, researchers, and the public. The focus of the Division of Research and Epidemiology is on providing health status, demographic, and disease risk factor information for program planning and policy development through publications, information dissemination, and access to computer data bases. The Division is actively involved in supporting the Department's Community Health Network activities through the provision of health status indicator data and technical support at the community level. In addition, division staff perform research and more complex analyses related to Department priorities.



Chronic Disease Surveillance Program (CDSP): collects, analyzes, and disseminates data relating to the occurrence of chronic disease in Massachusetts. A main activity of CDSP is conducting the Behavioral Risk Factor statewide survey, which provides information on a wide variety of health conditions, health risk factors, and health behaviors. This information is used throughout Massachusetts to target preventive health interventions and to track progress towards the adoption of healthy behaviors among Massachusetts residents.

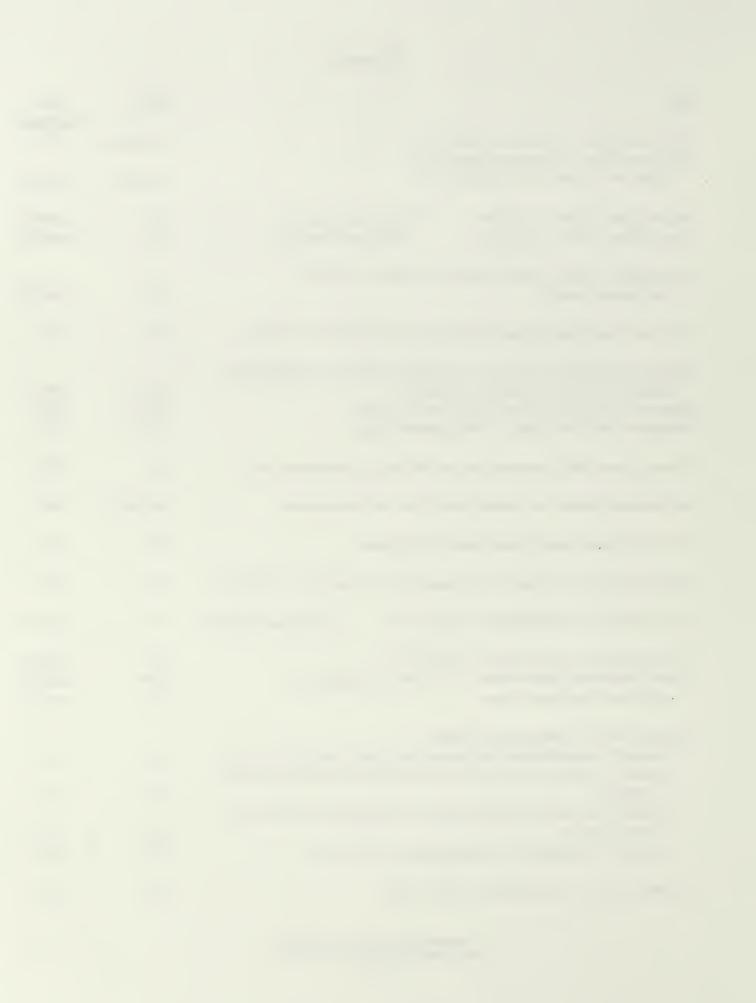
Occupational Health Surveillance Program (OHSP): conducts surveillance of selected work-related illnesses and injuries, including fatal occupational injuries, occupational lead poisoning, work-related carpal tunnel syndrome, occupational asthma, acute chemical poisonings, and work-related injuries to youth. Data are used to target intervention efforts in Massachusetts, and to develop prevention and education programs.

Weapons-Related Injury Surveillance System (WRISS): is a federally-funded project which collects data on gunshot and sharp instrument wounds treated in Massachusetts from hospital emergency departments. WRISS also analyzes data from police ballistics laboratories, state and federal law enforcement agencies, emergency department log software designed by the project itself, follow-up surveys to gun accident victims, assault victim interviews, and statewide surveys.



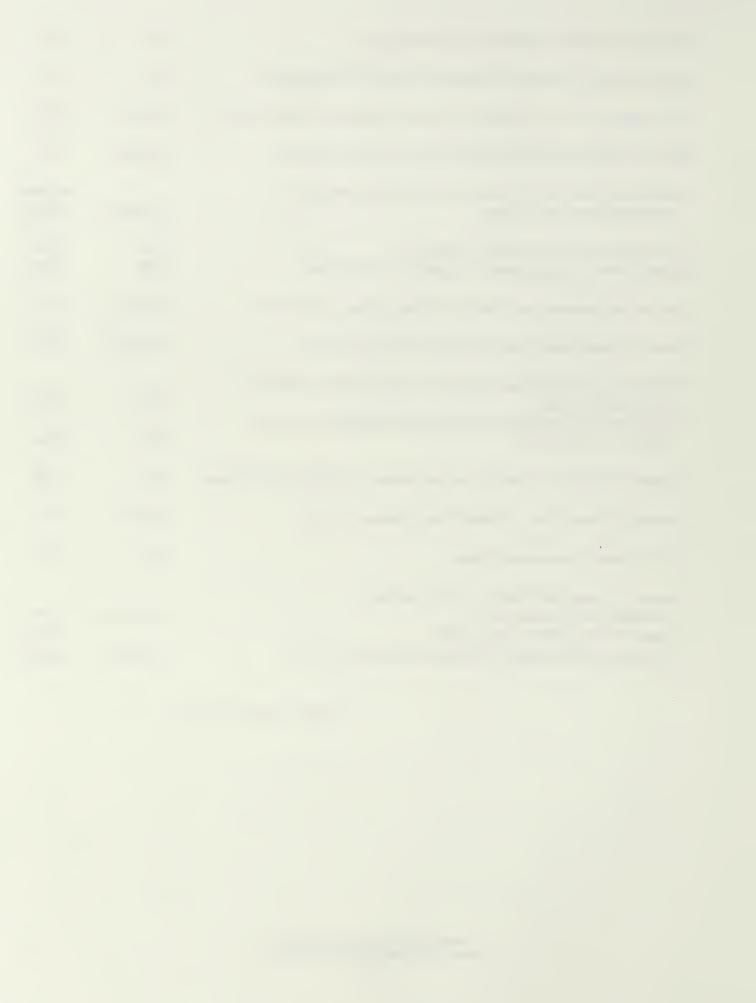
# **REPORTS**

Title	Price ++	Year Published
Adolescent Births: A Statistical Profile 1993 Adolescent Births: A Statistical Profile 1994	no charge	1995
(Supplement to Advance Data Births: 1994)	no charge	annually
Advance Data: Births 1986-1994 Each annual report @ Each annual report @ Each annual report @	4.50 4.50	annually annually
Annual Report of Vital Statistics of Massachusetts 1986-1993 Each annual report @	6.50	annually
Asbestos-Related Lung Disease in Massachusetts Workers, 1982-1987	2.50	1991
Behavioral Risk Factors and Preventive Health Measures: Massachusetts Behavioral Risk Factor Surveys, 1986-1990 Behavioral Risk Factor Survey: 1991 Summary Report Behavioral Risk Factor Survey: 1993 Summary Report	5.00* 3.00* 3.00*	1992 1993 1995
Bladder Cancer and Employment in the Pittsfield, Massachusetts Area	3.50	1989
The Burden of Smoking on Mothers and Infants in Massachusetts	no charge	1993
Cancer Incidence Among Massachusetts Firefighters	2.50	1990
Cancer Incidence by Occupation and Industry in Massachusetts, 1982-1983	5.50	1990
Cancer Incidence in Massachusetts: 1982-1990 Each annual report @	3.50	annually
Cancer Incidence in Massachusetts: 1982-1992 Cancer Incidence in Massachusetts: City and Town Supplement both Cancer Incidence volumes	3.00 6.50 8.00	annually annually annually
Chartbook Series on Massachusetts Elders Volume 1: Massachusetts Nursing and Rest Home Trends: 1978-1986 Volume 2: Elderly Residents of Massachusetts Nursing and Rest Homes:	3.00	1988
A Profile Volume 3: The Elderly in Massachusetts: Demographic and Mortality	3.00	1989
Characteristics	3.00	1990
Volume 4: The Oldest Old in Massachusetts, 1900-2050	3.00	1990
Childhood Cancer in Massachusetts: 1982-1986	4.00	1989



Chinese and Southeast Asian Births in Massachusetts	7.50	1993
Dying for the Job: Traumatic Occupational Deaths in Massachusetts	4.50	1989
Fatal Injuries at Work, 1994 Update (formerly Traumatic Deaths at Work)	no charge	1996
Health Care Utilization and Charges for AIDS and HIV Disease	no charge	1993
Health Status Indicators for Community Health Network Areas: (available for each of 27 areas)	no charge	periodic updates
Hispanic Births in Massachusetts, Volume I Hispanic Births in Massachusetts, Volume II, City Data Book	5.00 5.50	1989 1989
Homicide in Massachusetts: Trends and Characteristics, 1978-1993	no charge	1995
Injuries in Massachusetts: An Overview of Causes and Costs	no charge	1992
Lead At Work: Elevated Blood Lead Levels in Massachusetts Workers, April - October 1991 Lead At Work: Elevated Blood Lead Levels in Massachusetts Workers, April 1991- October 1993	3.00 3.00	1992 1994
Occupational Safety and Health in Massachusetts: the Need for Surveillance	5.00	1989
Protecting Working Teens: A Public Health Resource Guide	8.00**	1995
Smoking: Death, Disease and Dollars	3.00	1991
Traumatic Occupational Fatalities in Massachusetts, November 1986-October 1987 Traumatic Deaths at Work, 1991 Update Undetes evoluble through 1994 (see Fatal Injuries at Work)	no charge	1989 1992
Updates available through 1994 (see Fatal Injuries at Work)	no charge	annually

TOTAL AMOUNT DUE



#### **Ordering Information**

Name:		
Title:		 
Address:		
	b.	

Please make check payable to COMMONWEALTH OF MASSACHUSETTS (except for publications marked "\*") and mail to:

**Public Information** 

**MDPH** 

Bureau of Health Statistics, Research & Evaluation, 6th Floor

250 Washington Street

Boston, MA 02108-4619

<sup>++</sup> Prices include postage and handling

<sup>\*</sup> For Behavioral Risk Factors... Please make check payable to MHRI, Inc. and send to address above.

<sup>\*\*</sup> For *Protecting Working Teens: A Public Health Resource Guide*, please send your request with a check in the amount of \$8.00, payable to **Education Development Center**, **Inc**. (includes shipping and handling) to MJ Kim, Children's Safety Network, Education Development Center, 55 Chapel Street, Newton, MA 02158.



#### ARTICLES

Bang K, Gergen P, Kramer R, and Cohen B. The Effect of Pulmonary Function on All-Cause Mortality in a National Cohort. *Chest.* 1993;103:536-540.

Brooks DR, Davis LK. Employment as a waitress or waiter and risk of lung cancer. *Journal of Occupational Medicine*. In Press

Brooks DR, Davis LK, Gallagher SS. Work-related injuries among Massachusetts children: a study based on emergency department data. *American Journal of Industrial Medicine*. 1994;24:313-324.

Brooks DR, Davis LK. Work-Related Injuries to Massachusetts Teens, 1987-1990. *American Journal of Industrial Medicine*. 1996;29:153-160.

Clapp RW, Cupples LA, Colton T, Ozonoff DM. Cancer Surveillance of Veterans in Massachusetts, USA, 1982-1988. *International Journal of Epidemiology*. 1991;20:7-12.

Cohen B, Friedman D, Mahan C, Lederman R, Munoz D. Ethnicity, Maternal Risk and Birth Weight Among Hispanics in Massachusetts, 1987-1989. *Public Health Reports*. 1993;108:363-371.

Davis FG, Malinski N, Haenszel W, Chang J, Flannery J, Gershman S, Dibble R, Bigner DD. Primary Brain Tumor Incidence Rates in Four United States Regions, 1985-1989: A Pilot Study. *Neuroepidemiology*. 1996;15:103-112.

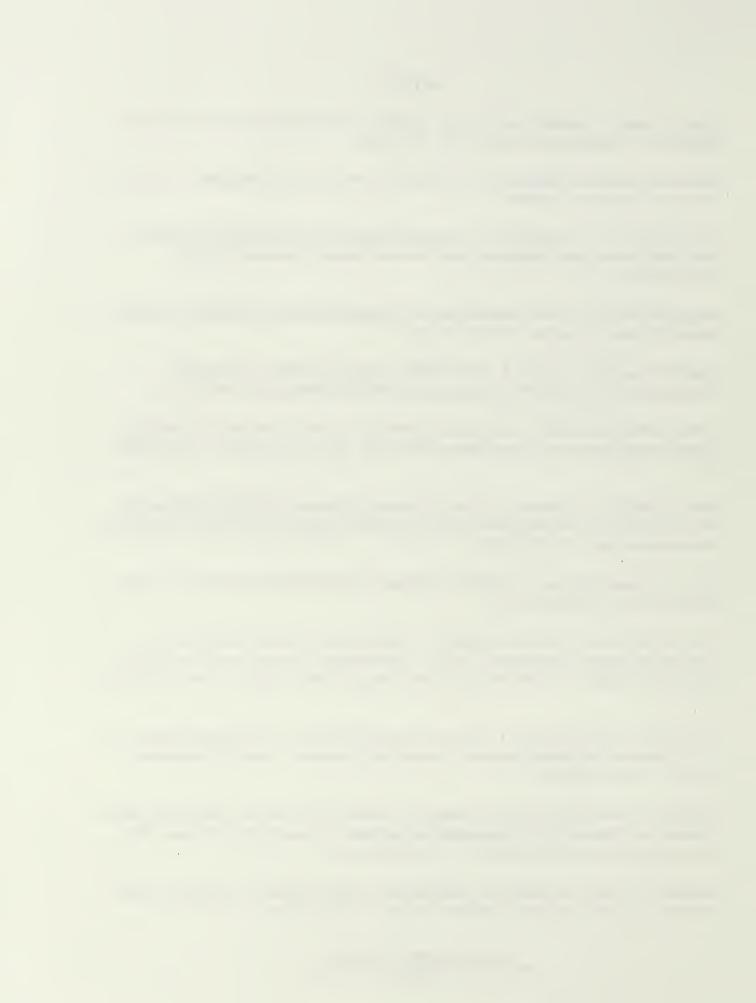
Davis LK, Martin TM et al. Use of Death Certificates for Mesothelioma Surveillance. *Public Health Reports*. 1992;107:481-483.

Davis LK, Brooks DR, Taylor LE, Schwartz C. Data Sources for Fatality Surveillance in Commercial Fishing: Massachusetts, 1987-91. *Fatal Workplace Injuries in 1992: A Collection of Data and Analysis*. U.S. Department of Labor, Bureau of Labor Statistics. 1994; Washington, DC.

Fontus HM, Levy BS, and Davis L. Physician-based Surveillance of Occupational Disease, Part II: Experience with a Broader Range of Diagnosis and Physicians. *Journal of Occupational Medicine*. 1989;31:92999-932.

Friedman DJ, Cohen BB, Dunn VH, Lederman RI, Mahan CM, Spivak HR, Trudeau EB. Ethnic Variation and Maternal Risk Characteristics Among Blacks - Massachusetts, 1987 and 1988. *Morbidity and Mortality Weekly Report.* 1991;40:403,409-411.

Friedman DJ, Cohen BB, Mahan CM, Lederman RI, Vezina RJ, Dunn VH. Maternal Ethnicity and Birthweight Among Blacks. *Ethnicity & Disease*. 1993;3:255-269.



Geller A, Koh H, Miller D, Clapp R, Mercer M, and Lew R. Use of Health Services before the Diagnosis of Melanoma: Implications for Early Detection and Screening. *Journal of General Internal Medicine*. 1992;154-7.

Hesketh PJ, Clapp RW, Doos WG, Spechler SJ. Increasing Frequency of Adenocarcinoma of the Esophagus. *Cancer.* 1989;64:526-530.

Koh H, Clapp R, Barnett J, Prout M, Geller A, and Lew R: Systematic underreporting of cutaneous malignant melanoma: Implications for incidence figures in the United States. Abstract, 2nd International Conference on Melanoma, Venice, Italy, October 1989; J Invest Dermatol. 1990;94;4 and Clinical Research. 1990;38:659A (Abstract).

Koh HK, Clapp RW, Prout MN, et al. Systematic Underreporting of Cutaneous Malignant Melanoma in Massachusetts: Possible Implications for National Incidence Figures. *Journal of the American Academy of Dermatology.* 1991;24:545-550.

Koh H, Geller A, Miller D, Clapp R, Mercer MB, Lew R: Who discovers melanoma? Patterns from a population-based survey. *Journal of the American Academy of Dermatology*. 1992;26:914-9.

Korrick SA, Rest KM, Davis LK, Christiani DC. Use of State Workers' Compensation Data for Occupational Carpal Tunnel Syndrome Surveillance: A Feasibility Study in Massachusetts. *American Journal of Industrial Medicine*. 1994;25:837-850.

Longnecker MP, Clapp RW, Sheahan K. Associations Between Smoking Status and Stage at Diagnosis of Colo-rectal Cancer, Massachusetts, 1982-1987. *Cancer*. 1989;64:1372-1374.

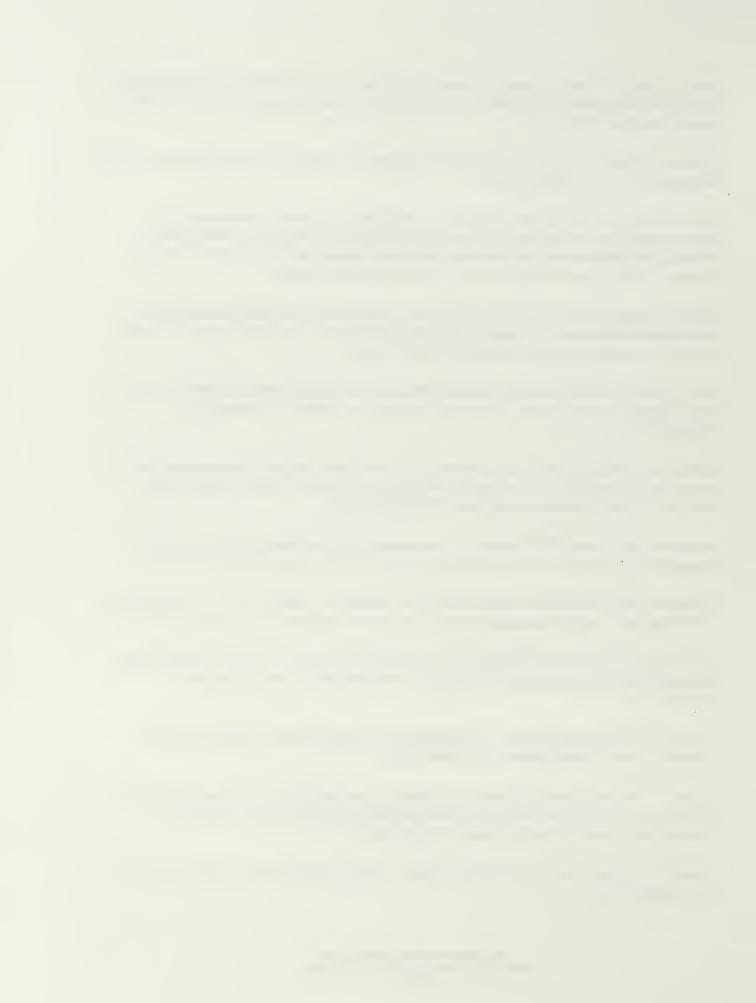
Longnecker, MP, Newcomb PA, Mittendorf R, Greenberg ER, Clapp RW, et al: The Reliability of Self-reported Alcohol Consumption in the Remote Past. *Epidemiology*. 1993;6:535-539.

Newcomb P, Longnecker MP, Mittendorf R, Greenberg ER, Clapp RW, et al. Lactation and a Reduced Risk of Premenopausal Breast Cancer. *New England Journal of Medicine*. 1994;330:81-87.

Ozonoff V, Tan-Torres S, Barber C. Assessment of E-Coding Practices and Costs in MA Hospitals. *Public Health Reports.* 1993;108:633-636.

Ozonoff V, Barber C, Hume B, Janelli L, Schuster M, McLaughlin H. Emergency Department Surveillance for Weapon-Related Injuries: Massachusetts, November 1993-April 1994. *Mortality and Morbidity Weekly Report.* 1995;44:160-169.

Ozonoff V. Review Essay: Medical Specialties. *Journal of Health Policy, Politics and Law.* 1987; Fall:537-541.



Ozonoff V, Barber C, Spivak H, Hume B, Janelli L, Scott NJ. Weapon-related injury surveillance in the emergency department. *American Journal of Public Health.* 1994;84:2024-5.

Rabin R, Brooks D, Davis L. (1994): Elevated blood lead levels among construction workers in the Massachusetts Occupational Lead Registry. *American Journal of Public Health*. 1994;84:1483-1485.

Sama SR, Martin TM, Davis LK, Driebel D. Cancer Incidence among Massachusetts Fire Fighters, *American Journal of Industrial Medicine*. 1990;18:47-54.

Schuster M, Cohen BB, Rodgers CG, Walker DK, Friedman DJ, Ozonoff VV. Overview of Causes and Costs of Injuries in Massachusetts: A Methodology for Analysis of State Data. *Public Health Reports*. 1995;110:246-250.

Stein AD, Lederman RI, Shea S. The Behavioral Risk Factor Surveillance System Questionnaire: Its Reliability in a Statewide Sample. *American Journal of Public Health*. 1993;83:1768-1772.

Stein AD and Lederman RI. Prevention-Oriented Life Styles and Diffusion of Cholesterol Screening and Awareness: Massachusetts Behavioral Risk Factor Surveys, 1987-1991. *Journal of Clinical Epidemiology*. 1996;49:305-311.

Taylor L, Davis L, Brooks D. Surveillance of fatal occupational injuries in Massachusetts; the response of next-of-kin. *Compensation and Working Conditions*. 1992;44:6-9.

Young G and Cohen B. Inequities in Hospital Care, the Massachusetts Experience. *Inquiry*. 1991;28:255-262.

Young G and Cohen B. The Process and Outcome of Hospital Care for Medicaid Versus Privately Insured Hospital Patients. *Inquiry*. 1992;29:366-371.

# **Books/Proceedings**

B Cohen and R Danley: "A Demographic Profile and Mortality Among the Elderly" *In:* Elders at Risk: Monitoring the Massachusetts Health Care System. Lerner and Loew, eds. Massachusetts Health Data Consortium, 1989.

B Cohen, M Aguiar, et al: "Hispanic Births in Massachusetts; 1986-1987," *In:* Mothers, Infants, and Children at Risk: Monitoring the Massachusetts Health Care System. Loew and Lerner, eds. Massachusetts Health Data Consortium, 1990.



#### **PRESENTATIONS**

Bureau of Health Statistics, Research and Evaluation staff are available upon request and with adequate notice to deliver the following presentations:

#### **Chronic Disease Surveillance Program**

An Overview of the BRFS Survey

contact: Daniel R. Brooks phone: (617) 624-5636

#### Community Health Network Area (CHNA) Initiative

Introduction to Health Status Indicators for Community Health Network Areas

contact: Bruce B. Cohen, PhD phone: (617) 624-5635

#### **Demography**

Updating Population Figures throughout the Decade

U.S. Census Bureau's Race, Ethnic and Ancestry Statistics

U.S. Decennial Census: General Overview

contact: Christine Payne phone: (617) 624-5641

#### Massachusetts Cancer Registry

Cancer Incidence in Massachusetts

Cancer Registry Methodology

contact: Susan T. Gershman, PhD

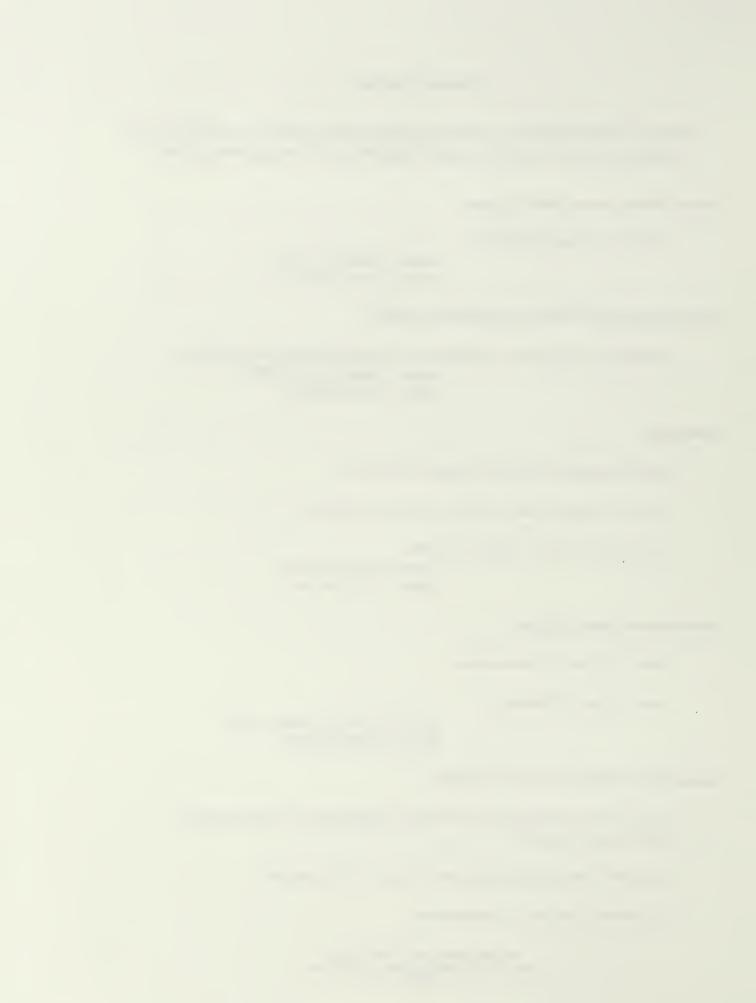
phone: (617) 624-5646

#### Occupational Health Surveillance Program

Lead Poisoning in Massachusetts Adults (or Occupational Lead Poisoning in Massachusetts Workers)

Mandatory Reporting of Occupational Disease in Massachusetts

Occupational Fatalities in Massachusetts



Occupational Illness and Injury Surveillance in Massachusetts

Occupational Injuries to Working Children

contact: Letitia K. Davis, ScD phone: (617) 624-5621

### Research and Epidemiology

Race and Ethnicity in Public Health Surveillance

Updates on Annual Birth and Death Data

Variations in Birth Weight by Race/Ethnicity

contact: Bruce B. Cohen, PhD

phone: (617) 624-5635

#### **Vital Statistics Workshops**

The Birth File

Cause of Death

General Overview of the Death File

Infant and Perinatal Deaths

contact: Elaine B. Trudeau phone: (617) 753-8617

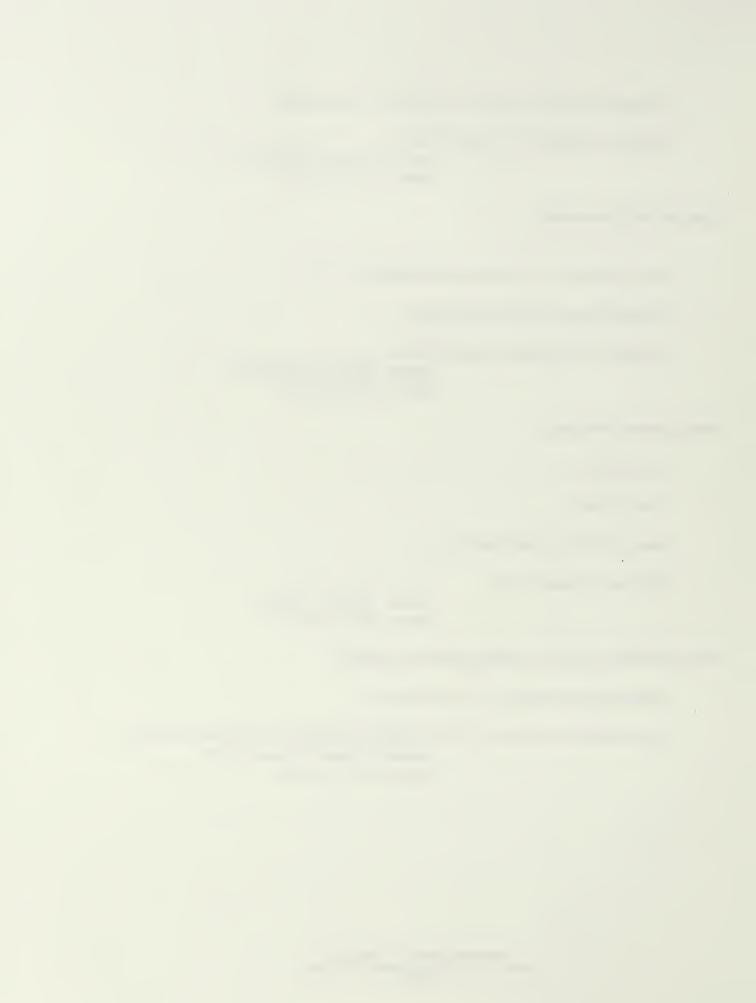
# Weapon-Related Injury Surveillance Program (WRISS)

Weapon Injury Surveillance: General Methods

Weapon Injury Surveillance: topics by request; available by city, region, or statewide

contact: Victoria V. Ozonoff, PhD

phone: (617) 624-5425



#### DATA SETS

#### **Summary of Surveys and Data Systems**

The data sets are described as they are currently constituted. Anyone using statistical information for comparisons over time should be aware of changing conventions for classification and coding. This is particularly important when using cause of death information. Codes used for classifying cause of death are based on the Ninth Revision of the International Classification of Diseases, World Health Organization. Classification of variables such as race, nativity, and marital status may also differ over time.

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#### **DATA REQUEST PROTOCOLS**

Individuals requiring access to confidential data from the Registry of Vital Records and Statistics or the Massachusetts Cancer Registry for the purpose of conducting research, or requesting protection from subpoena of medical and scientific data, must complete an application under Massachusetts General Laws, Chapter 111, Sections 24 A and B, or Section 111B.

#### Protection from subpoena of medical and scientific data (24A):

Legal protection under M.G.L. c. 111, §24A provides subjects and health care institutions with reasonable legal assurances that data which are obtained in an authorized study will not be subject to subpoena in legal proceedings. Particularly in studies which involve sensitive issues which could involve litigation--substance abuse, criminal activities, paternity--such protection may be crucial in securing the participation of subjects and approval from institutional review boards. See 24AB review process below.

#### Access to confidential vital records data (24AB):

Upon receipt of the completed application materials, the request will be reviewed by the Chapter 111, Section 24A and B Review Committee. Reviewers consider such issues as purpose of request, potential for reducing the morbidity and mortality within Massachusetts, research design, provisions for maintaining confidentiality, and the applicants' qualification to conduct the study. When access to individual records with identifiers is requested, file linkages are planned, or follow-up to medical records or with the subjects of the records is intended, the data will be released only under most restrictive conditions which guarantee that confidentiality will be maintained. If the request satisfies the requirements for authorization, a letter from the Commissioner of Public Health granting access to the data will be issued. You may expect to receive a letter of authorization between 4-6 weeks after our receipt of your application. The principal investigator will be asked to co-sign the stipulations agreement, and return it to MDPH. If the request is incomplete, or if committee members have questions concerning the research protocols, applicants will be contacted by the Assistant Commissioner, Bureau of Health Statistics, Research and Evaluation, who chairs the review committee. All approved requests will also be granted 24A protection.

The Application for Protection from Subpoena of Medical and Scientific Data (24A) and the Application for Access to Confidential Vital Records Data (24AB) may be obtained by calling Alice Mroszczyk at (617) 624-5616.

#### Access to Massachusetts Cancer Registry (MCR) data (111B):

Upon receipt of the completed application and attachments, the request is reviewed by the MCR Research Review Committee, a group of prominent cancer researchers from outside MDPH. Confidential Cancer Registry data and *individual* non-confidential records are only released for research purposes after thorough technical review of this application. Committee members review research proposals for access to confidential data based on the qualifications of the researcher and the supporting institution conducting the project, adequacy of confidentiality measures, the scientific merit of the proposal, and its relevance to cancer epidemiology and cancer control in Massachusetts. The committee makes a recommendation regarding the release of the data to the Commissioner, who then determines whether the data should be released. Researchers will receive a letter granting access to the data and will be asked to co-sign the stipulations agreement, and return it to MDPH. All persons who will have access to the data must sign and return a Researcher's Pledge of Confidentiality to be kept on file at the MCR. Approved requests for confidential cancer registry data will also be reviewed for Section 24A protection.

The Application for Access to Cancer Registry Data may be obtained by calling Annie MacMillan at (617) 624-5648.



#### FEE SCHEDULE

effective January 1996

# Requests for data maintained by Bureau of Health Statistics, Research and Evaluation

(per MGL c.7, 3B, MGL c.66, 10 and 950 CMR 32.00, MGL c.111, s.24A and B, MGL c.262, 44A)

Telephone: (617) 624-5699

Data released as a result of approved applications are subject to charges for computer time, programming time, materials, and any other costs incurred by MDPH in producing the requested data.

Unit	Description	Rate
	PERSONNEL	
hour	Programmer	21.00
hour	Epidemiologist	24.00
hour	Clerical	14.00
hour	Other	
job	Computer CPU Charges	
	OUTPUT/MEDIUM	
page	Laser	.50
page	Xerox	.20
each	Diskette	1.25
reel	Blank tape	50.00
	VITAL RECORDS	
Certified copy	Certificates: Birth/Death etc.	6.00
each	PUBLICATION	cost
	Call for a list of available	
	publications.	
each	POSTAGE	cost
each	OTHER CHARGES	cost

All rates subject to change. Job estimate is an approximation, not a cost quotation.

Delivery made upon receipt of payment.



# Behavioral Risk Factor Surveillance System (BRFSS)

#### DATA SOURCE/METHODS:

Random digit dial telephone survey

# UNIVERSE/SAMPLE:

Statewide (all residents with telephones); In recent years, Approximately 3,000 interviews conducted, including oversampling of minority residents and residents of largest cities

## FREQUENCY/YEARS:

Annual, beginning in 1986

#### DATA ELEMENTS:

Demographics - Age, sex, race/ethnicity, marital status, employment, education, and income

<u>Medical/Health Risk Factors</u> - Overweight, weight control, physical activity, smoking behavior, alcohol use, routine medical checkup, high blood pressure, blood cholesterol, mammography, diabetes, pap smear, diet/nutrition, colo-rectal cancer screening, health insurance coverage, HIV/AIDS, vaccination, injury (seat belt, bicycle helmet, smoke detectors) \*

## GEOGRAPHIC COVERAGE

Statex (with some regional detail)	County		City/Town	_x_ (selected)
Census Tract				
Community Health Network Area (CHNA)		Zip Code Areas		

# **RESTRICTIONS ON ACCESS:**

Public Access: Summary data by topic and year

<u>Confidential</u>: Individual records with person-identifying information

# STANDARD REPORTS GENERATED:

Behavioral Risk Factors and Preventive Health Measures: Massachusetts Behavioral Risk Factor Surveys: 1986-1990.

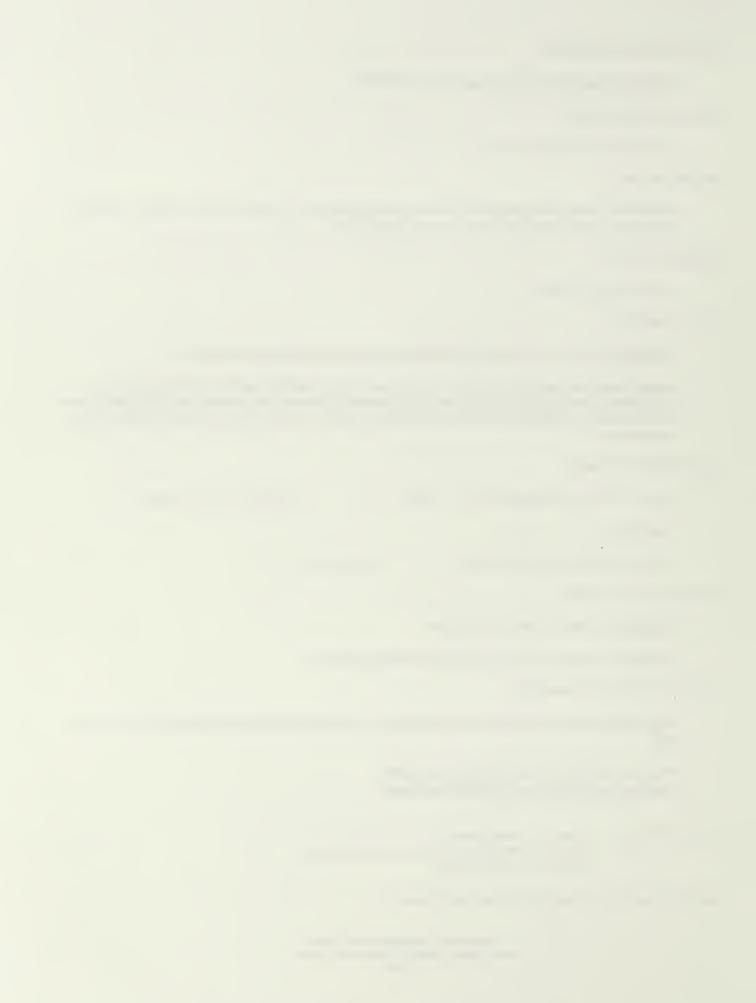
Behavioral Risk Factor Survey: 1991 Summary Report Behavioral Risk Factor Survey: 1993 Summary Report

CONTACT PERSON: Name: Daniel Brooks

Division: Division of Research and Epidemiology

Phone: (617) 624-5636

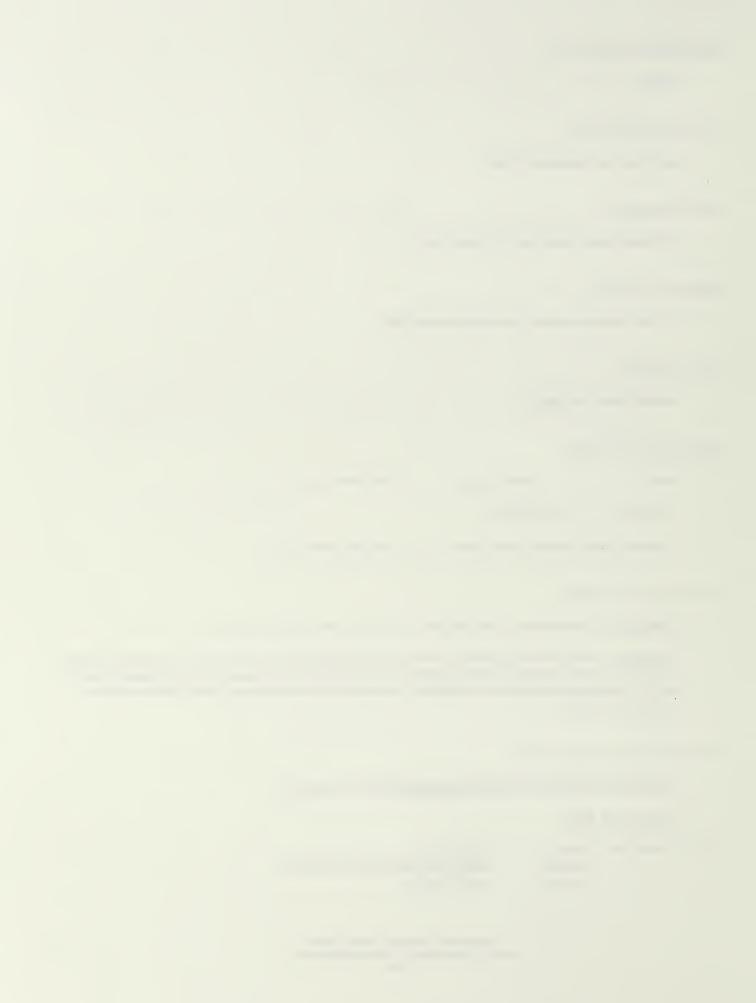
<sup>\*</sup> Additional questions on a range of topics are added annually.



DATABASE/DATAFIL	E TITLE:	
Births		
DATA SOURCE/METH	IODS:	
Birth Certificate	e Registration S	ystem
UNIVERSE/SAMPLE:		
All Massachuse	etts resident and	occurrence births
FREQUENCY/YEARS:		
The birth regist	ration system w	as computerized in 1969
DATA ELEMENTS:		
See the following	ng two pages	
GEOGRAPHIC COVER	AGE:	
State x	Cou	ntyx City/Townx
Census Tract	_x (as of 198	87)
Community He	alth Network A	rea (CHNA)x Zip Code Areasx
RESTRICTIONS ON A	CCESS:	
Public Access:	Summary data	by topic and year; events of less than five are suppressed
by the Massach	usetts Departme f state occurrence	dual records, with or without confidential medical information, must receive approva ent of Public Health through a detailed review process. See Data Request Protocols, ces are available only with permission from individual states if information with
STANDARD REPORTS	GENERATED	):
Annual Report	of the Vital Stat	tistics of Massachusetts (Public Document 1)
Advance Data:	Births	
CONTACT PERSON:	Name: Division:	Charlene Zion Registry of Vital Records and Statistics

(617) 753-8670

Phone:



# ITEM CHECKLIST Massachusetts Standard Certificate of Live Birth

PERSONAL INFORMATION	Prenatal Care	☐ Seizure Disorder
(MOTHER)	☐ Month Care Began	☐ Sexually Transmitted Disease
(MOTHER)	□ Number Visits	☐ Sickle Cell
NI		☐ Uterine Bleeding
Name	☐ Adequacy Index	
☐ First	T D	☐ Other, specified by text
Middle	Type Practitioner	O
_ Last	□ MD/DO	OBSTETRIC PROCEDURES
☐ Birth Surname	☐ Physician's Assistant	
☐ Birthplace	□ Nurse Practitioner	☐ Amniocentesis *
☐ Date of Birth	☐ Certified Nurse Midwife	☐ Fetal Monitoring (External) *
Residence	☐ Other Reg. Nurse	☐ Fetal Monitoring (Internal) *
☐ Street *	☐ Midwife	☐ Induction of Labor *
□ City		☐ Maternal Urinary Estriol *
☐ Zip Code *	Site of Care *	☐ Pharmacological Inhibition *
☐ Census Tract **	□ Private	☐ Steroid for Neonatal Pulmonary Maturity
□ Race	☐ Hospital Clinic	☐ Stimulation of Labor *
	□ HMO	Ultrasound *
Ancestry *	□ нмо	Other, specified by text *
Age		
☐ Education	Source of Payment - Prenatal Care *	□ All *
☐ Marital Status	Common Health Center	
☐ Occupation *	☐ Other Payment Source	Method of Delivery
☐ Industry *	□ Blue Cross	□ Vaginal
	☐ Commercial Ins	☐ Vaginal after prior C-section *
Pregnancy History	□ HMO	☐ Primary C-section +
☐ Live Births Living	☐ Medicaid/Commonhealth	☐ Repeat C-section +
☐ Live Births Dead	☐ Medicare	☐ Forceps *
☐ Total Terminations	☐ Healthy Start	□ Vacuum *
□ Parity	□ Other Govt.	□ Unknown
☐ Gravidity	☐ Worker's Comp	
☐ Date Last Live Birth	·	COMPLICATIONS OF LABOR *
Date Last Termination	□ Self-pay □ Free Care	
Date Last Termination	_	AND DELIVERY
D.I. D +	□ Other	
Delivery Payment *	N D D (M )	☐ Abruptio Placenta
☐ Blue Cross	MEDICAL RISK FACTORS (MOTHER) *	☐ Anesthetic Complications
☐ Commercial Ins		☐ Breech/Other Malpresentation
□ HMO	☐ Acute or Chronic Lung Disease	☐ Cephalo-pelvic Disproportion
☐ Medicaid/Commonhealth	□ AIDS	☐ Cord prolapse
☐ Medicare	☐ Anemia	☐ Dysfunctional labor
☐ Healthy Start	☐ Cardiac Disease	☐ Febrile100°F, 38° C
☐ Other Government	□ Diabetes	☐ Fetal Distress
□ Worker's Comp	□ Eclampsia	☐ Meconium (moderate/heavy)
□ Self-pay	☐ Hemoglobinopathy	☐ Other Excessive Bleeding
☐ Free Care	☐ Genital Herpes	☐ Placenta Previa
□ Other	☐ Hepatitis	☐ Precipitous labor (<3 hour)
□ All	☐ Hepatitis B Carrier	☐ Prolonged Labor (> 20 hour)
Z / III	☐ Hydramnios/Oligo-hydramnios	☐ Premature Rupture of Membrane
☐ Breastfeeding? *		
bleastleeding:	Hypertension (chronic)	Prolonged Rupture of Membrane
D	Hypertension (pregnancy related)	☐ Seizures During Labor
PRENATAL INFORMATION	☐ Incompetent Cervix	☐ Other, specified by text
	Lupus Erythematosus	
☐ Date Last Menses	☐ Previous Fetal Anomalies	
☐ Weight Gained	☐ Previous Infant 4000+ grams	
During Pregnancy *	☐ Previous Preterm/Small for Age	
☐ Alcohol Usage(#drinks /week) *	☐ Psychiatric Disorder	
☐ Tobacco Usage (# cigs/day) *	☐ Renal Disease	
	☐ Rh Sensitization	
	□ Rubella	



PERSONAL INFORMATION (INFANT)	<ul><li>□ Diaphragmatic Hernia</li><li>□ Down's syndrome</li></ul>	☐ Birth County Name ☐ Birth State Name
Name	☐ Hydrocephalus	Z Sim state i and
First	☐ Hypospadia	Transfer Information *
☐ Middle	☐ Malformed Genitals	☐ Mother Transfer (yes/no)
□ Last	☐ Microcephalus	☐ Facility Mother Transferred To
□ Sex	☐ Omphalocele/Gastroschisis	☐ Infant Transfer (yes/no)
☐ Time of Birth	☐ Patent Ductus Arteriosus	☐ Facility Infant Transferred To
		a racinty infant transferred to
☐ Birth Date	□ Poly/Syndactyly/ada	I no a luna a lu
□ Plurality	☐ Regan Agenesis	LEGAL INFORMATION
☐ Birth Order	☐ Rectal Atresia/Stenosis	
☐ Birthweight	☐ Spina Bifida/Meningocele	☐ Year of Event
☐ Apgar 1 Minute		☐ Certificate Number
☐ Apgar 5 Minutes		☐ Record Number
☐ Gestational Age	Tra./Esophageal Fistula, Atresia	☐ Other State Certificate Number
(clinical estimate) *	☐ Other Anomalies (specified by text)	
☐ Gestational Age (generated from	☐ Circulatory/Respiratory	Informant *
date of last menses)	☐ Urogenital	☐ Informant Relationship
ŕ	☐ Musculoskeletal/Integumental	☐ Informant Date
ABNORMAL CONDITIONS OF	□ Chromosomal	☐ Informant Mailing Address
THE NEWBORN *	☐ Gastrointestinal	6
	☐ Central Nervous System	Certifier
☐ Acidosis	☐ Heart Malformations	☐ Certifier Type
☐ Anemia (HCT<39/HGB<13)	□ Other	☐ Certifier Title
☐ Assisted Ventilation (<30 min)	L Ouici	☐ Certifier Name *
☐ Assisted Ventilation (>30 min)	PERSONAL INFORMATION (FATHER)	La Certifici Natife
	FERSONAL INFORMATION (FAITHER)	
☐ Cyanosis	N	T I inner North on #
☐ Erb's Palsy	Name	License Number *
☐ Fetal Alcohol Syndrome	First	☐ Certifier Date *
☐ Hyaline Memb/RDS	☐ Middle	☐ Certifier Address *
☐ Hypotonia	□ Last	
☐ Hypoxia	☐ Birthplace	$\square$ Access
☐ Seizures	☐ Birth Date	(generated from "Is Mother Married?":
☐ Intracranial Hemorrhage	☐ Race	open, impounded, out of state, unknown)
☐ Jaundice (bilirubin > 10)	☐ Ancestry (Ethnicity) *	
☐ Meconium Aspiration Syndrome	□ Age	DEATH INFORMATION
☐ Tachypnea	☐ Education	
☐ Other, specified by text	☐ Occupation *	☐ Certificate Number of Death (available on
	☐ Industry *	limited occasions in cases of infant deaths'
CONGENITAL ANOMALIES *	,	☐ Date of Death (added for infants who died
	HOSPITAL INFORMATION	prior to completion of certificate and for
☐ Anencephalus	TOST TITLE TO CRITITION	other limited records for the linked file)
☐ Cleft Lip	Location	☐ Baby alive at time of Report?
☐ Cleft Palate	☐ Facility Number	Baby arrive at time of Report:
Club Foot	☐ Facility Name/Birth Address *	
☐ Congenital Dislocation of Hip	☐ Birth City Name	

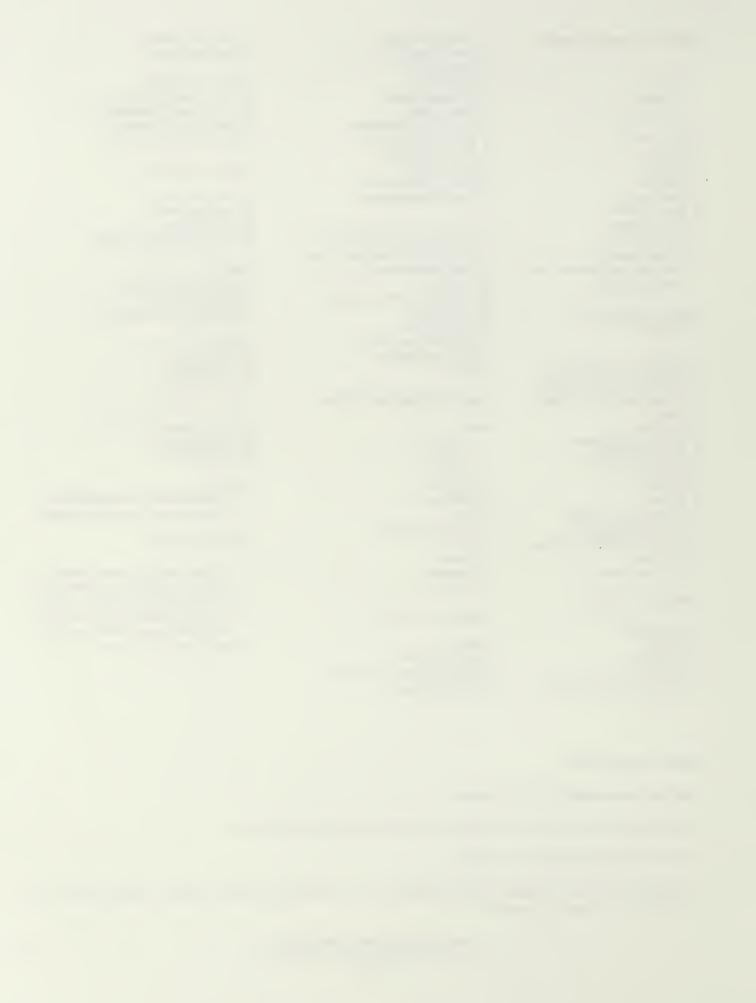
# Please note the following:

Variations may be found among data years for: Medical Risk Factors (Mother), Obstetric Procedures, Complications of Labor and Delivery, and Congenital Anomalies.

<sup>\*</sup> Indicates items available from 1987 - current

<sup>\*\*</sup> Census Tract (Personal Information - Mother) before 1987 available for Boston only

<sup>&</sup>lt;sup>+</sup> C-section data not available prior to 1982



# Census of Fatal Occupational Injuries (CFOI)

## DATA SOURCE/METHODS:

Multiple: death certificates, newspaper reports, Worker Compensation records, and Occupational Safety and Health Administration (OSHA) reports

#### UNIVERSE/SAMPLE:

All Massachusetts occurrence deaths resulting from traumatic injuries or other external causes which occurred while the person was at work.

# FREQUENCY/YEARS:

Annual, beginning in 1991

## DATA ELEMENTS:

Demographics - Age, sex, race/ethnicity, industry, occupation

Medical Information - Cause of death, source of injury, activity leading up to injury

## GEOGRAPHIC COVERAGE:

Statex_	County	City/Town
Census Tract		
Community Health Netwo	ork Area (CHNA)	Zip Code Areas

# **RESTRICTIONS ON ACCESS:**

Public Access: Summary data by topic and year; events of less than three are suppressed

Confidential: Individual records with person-identifying and employer-identifying information

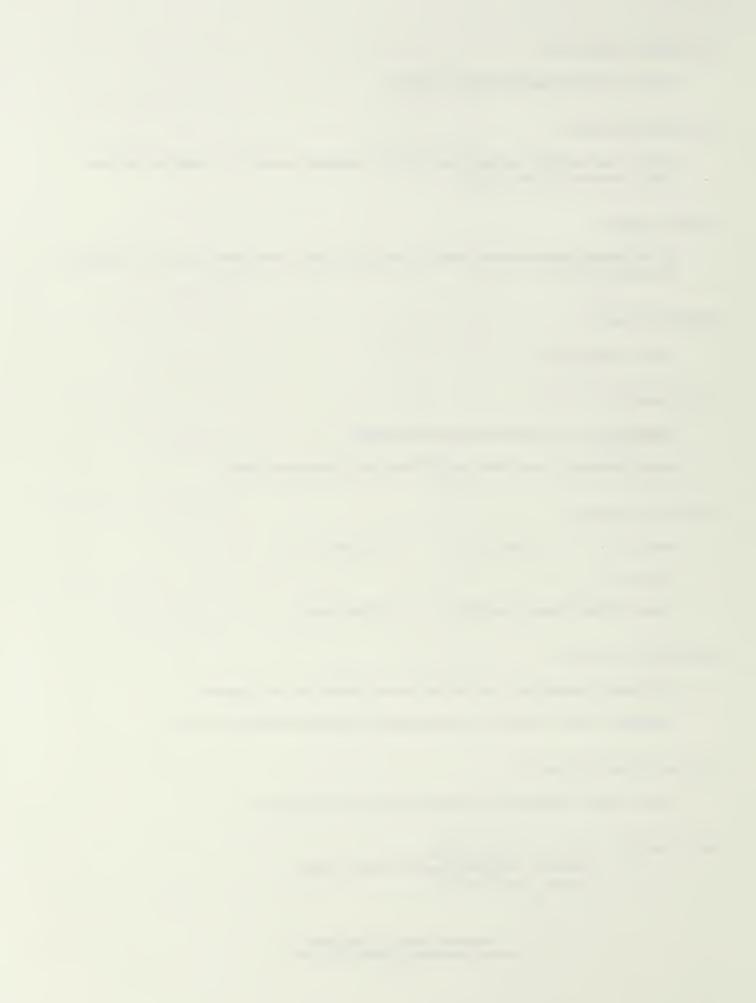
## STANDARD REPORTS GENERATED:

Annual newsletter: "Massachusetts Traumatic Deaths at Work: 1993 Update"

CONTACT PERSON: Name: Richard Campbell

Division: Occupational Health Surveillance Program

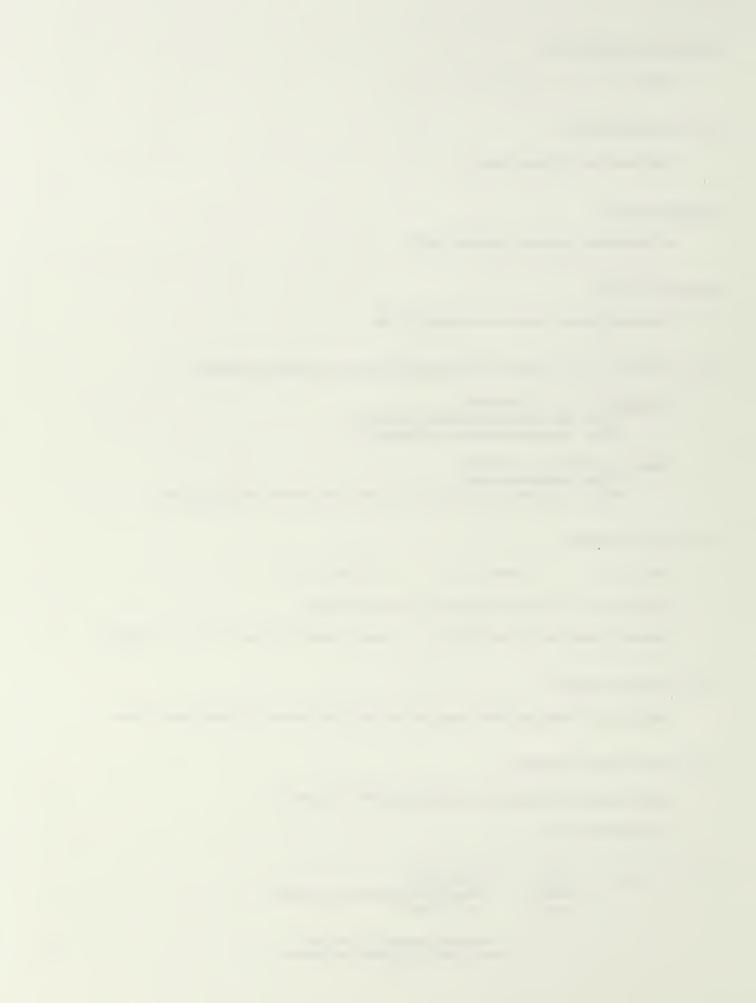
Phone: (617) 624-5628



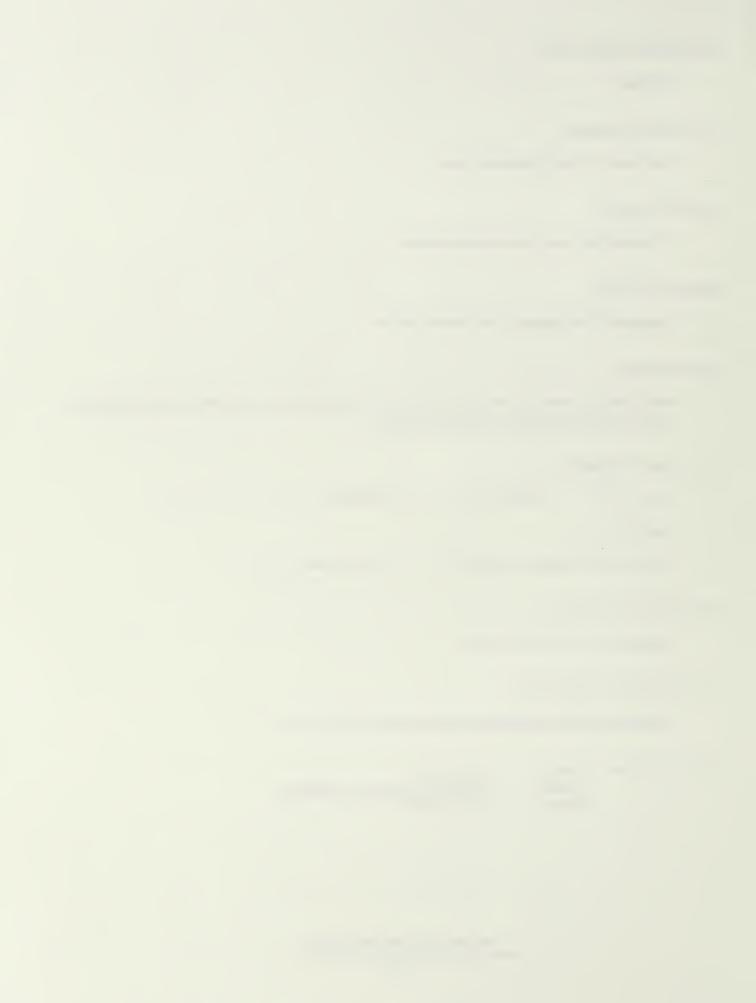
DATABASE/DATAFIL	E TITLE:	
Deaths		
DATA SOURCE/METH	ODS:	
Death Certificat	e Registration Sys	tem
UNIVERSE/SAMPLE:		
All Massachuse	tts resident and occ	currence deaths
FREQUENCY/YEARS:		
The death regist	ration system was	computerized in 1969
DATA ELEMENTS:	Due to changes	in data collected, all items are not available for all years
1980 o		status ace, occupation and industry ainment, race/ethnicity
1980 o	of death, cause of n: mentioned con n: disposition, ma	
GEOGRAPHIC COVER	AGE:	
State <u>x</u>	County	x City/Townx
Census Tract _	<u>x</u> (as of 1987;	Boston census tract from 1969 on)
Community Hea	alth Network Area	(CHNA)x_ (created variable) Zip Code Areasx_ (1987 on)
RESTRICTIONS ON AC	CCESS:	
Public Access:	All records are pub	olic access except for out-of-state occurrence to Massachusetts residents
STANDARD REPORTS	GENERATED:	
Annual Report	of the Vital Statisti	cs of Massachusetts (Public Document 1)
Advance Data:	<u>Deaths</u>	
CONTACT PERSON:	Name: Division:	Charlene Zion Registry of Vital Records and Statistics

(617) 753-8670

Phone:



DATABASE/DATAFIL	E TITLE:		
Divorces			
DATA SOURCE/METH	IODS:		
Certification of	Divorce Registrat	tion System	
UNIVERSE/SAMPLE:			
All divorces tha	at occur in the state	e of Massachusetts	;
FREQUENCY/YEARS:			
Computerized f	iles available for	1983 and from 1987	37 on
DATA ELEMENTS:			
		vious marriages of h	husband and wife, number of children under age 18, plaintif orce
GEOGRAPHIC COVER	RAGE:		
Statex	Count	y <u>x</u>	City/Town
Census Tract			
Community He	alth Network Area	a (CHNA)	Zip Code Areas
RESTRICTIONS ON A	CCESS:		
Public Access:	Limited summar	y data	
STANDARD REPORTS	GENERATED:		
Annual Report	of the Vital Statist	tics of Massachuset	etts (Public Document 1)
CONTACT PERSON:	Name: Division: Phone:	Charlene Zion Registry of Vital (617) 753-8670	al Records and Statistics



## Fetal Deaths

#### DATA SOURCE/METHODS:

The fetal death registration system which requires fetal deaths of 20 or more weeks gestation or those where the fetus weighed at least 350 grams are reported.

#### UNIVERSE/SAMPLE:

All deaths of fetuses of Massachusetts residents or fetal deaths which occur in Massachusetts. A fetal death is a death prior to the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of the pregnancy; the death is indicated by the fact that after such separation the fetus does not breath or show any other evidence of life, such as the beating of the heart, pulsation of the umbilical cord, or definite movement of the voluntary muscles.

# FREQUENCY/YEARS:

The system was computerized in 1969

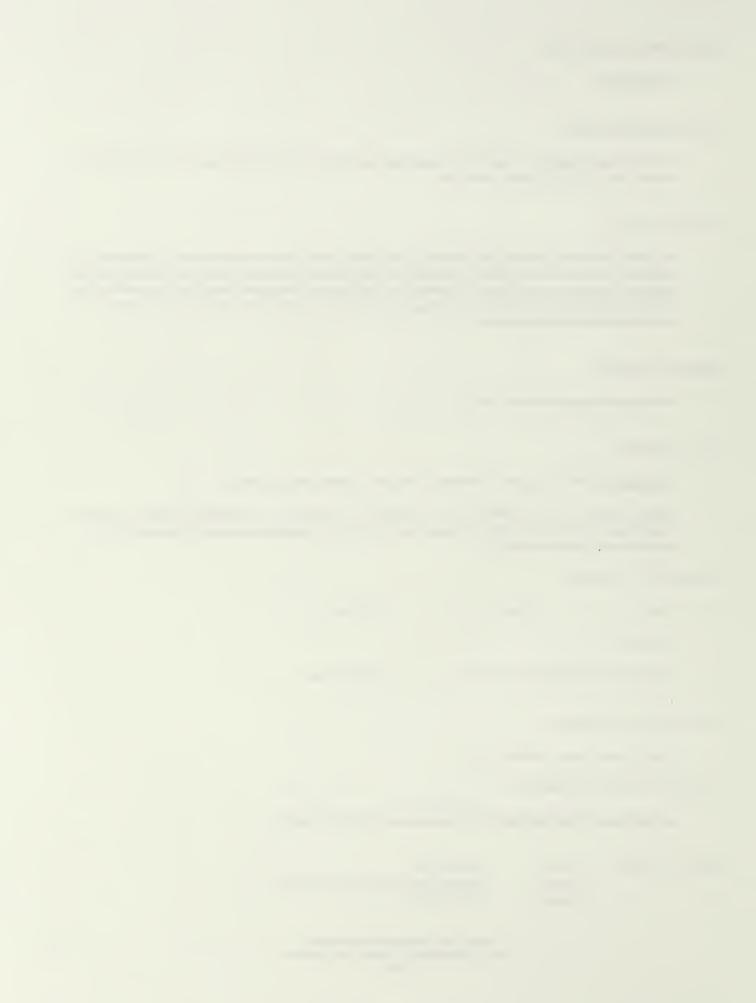
## **DATA ELEMENTS:**

Demographics - Parents' age, race, educational attainment, marital status of mother

<u>Medical Information</u> - Date of delivery, plurality, birth order, gestational age, birthweight, disposition, number of prenatal care visits, month prenatal care began, description of any congenital anomalies, and description of any complications of labor and delivery

# GEOGRAPHIC COVERAGE:

State <u>x</u>	County		City/Town				
Census Tract _							
Community Hea	lth Network Area (	(CHNA)	Zip Code Areas				
RESTRICTIONS ON ACCESS:							
Public Access:	Public Access: Limited summary data						
STANDARD REPORTS GENERATED:							
Annual Report of	of the Vital Statistic	s of Massachusett	s (Public Document 1)				
CONTACT PERSON:	Name: Division: Phone:	Charlene Zion Registry of Vital (617) 753-8670	Records and Statistics				



# Historical File: One Hundred and Fifty Years of Births and Deaths DATA SOURCE/METHODS: Annual Report of the Vital Statistics of Massachusetts (Public Document 1), 1842-1992 UNIVERSE/SAMPLE: All Massachusetts resident and occurrence births and deaths FREQUENCY/YEARS: 1842-1992 DATA ELEMENTS: Population; marriages; divorces; births; infant deaths; deaths: total, age<5, infectious diseases, tuberculosis, pulmonary tuberculosis, HIV/AIDS, diphtheria, polio, smallpox, malaria, syphilis, gonorrhea, cancer, heart disease, pneumonia, influenza, pneumonia/influenza, maternal mortality, injuries, suicide, homicide GEOGRAPHIC COVERAGE: State <u>x</u> County \_\_\_\_ City/Town \_\_\_\_ Census Tract (as of 1987) Community Health Network Area (CHNA) Zip Code Areas **RESTRICTIONS ON ACCESS:** Public Access: This file is public

STANDARD REPORTS GENERATED:

DATABASE/DATAFILE TITLE:

Graphs based on this file are published in Advance Data: Births and Advance Data: Deaths

CONTACT PERSON:

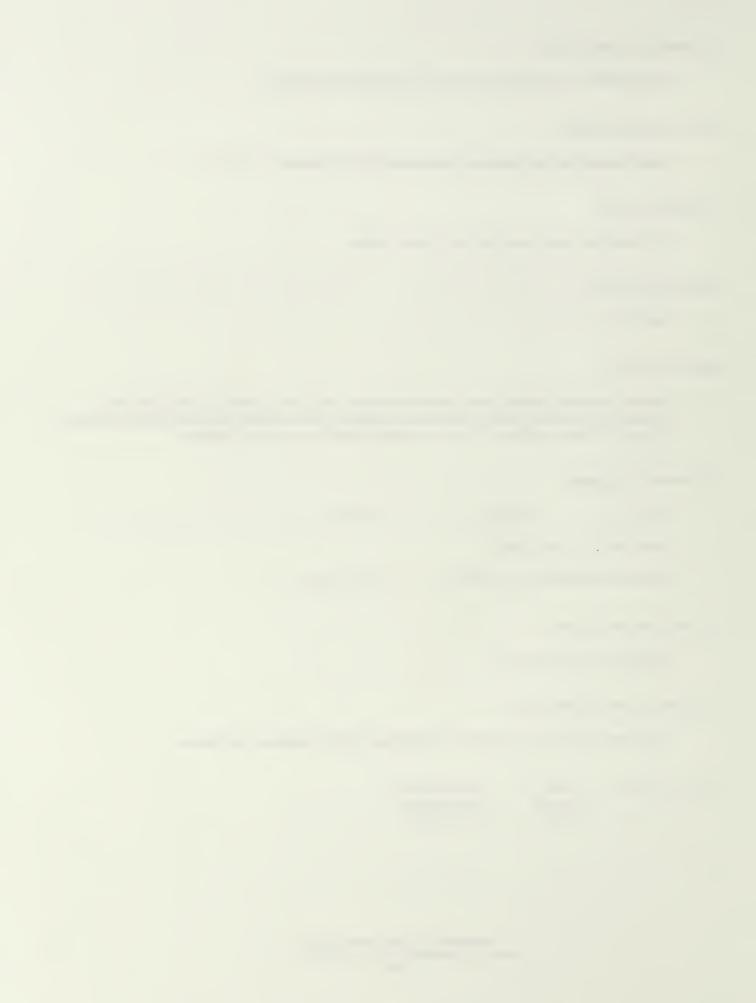
Name:

Alice Mroszczyk

Division:

Administration

Phone:



# DATABASE/DATAFILE TITLE: Linked Birth/Infant Deaths DATA SOURCE/METHODS: Birth and death certificate registration systems UNIVERSE/SAMPLE: All deaths to Massachusetts infants FREQUENCY/YEARS: Starting in 1969 to the present, the linked birth and death certificates for deaths of children whose age is less than 28 days. For the years 1970-1972, 1978-1980, and 1982 to the present, the linked birth and death certificates are also available for the deaths of children whose age is at least 28 days but less than one year DATA ELEMENTS: Same elements as on the birth and death certificates GEOGRAPHIC COVERAGE: State <u>x</u> County x City/Town x Census Tract x Community Health Network Area (CHNA) \_\_x\_ Zip Code Areas \_\_x\_ **RESTRICTIONS ON ACCESS:**

<u>Public Access</u>: Aggregated data by topic and year, events of less than five are suppressed <u>Confidential</u>: Access to individual records, with or without confidential medical information, must receive approval by the Massachusetts Department of Public Health through a detailed review process. See Data Request Protocols, page 13.

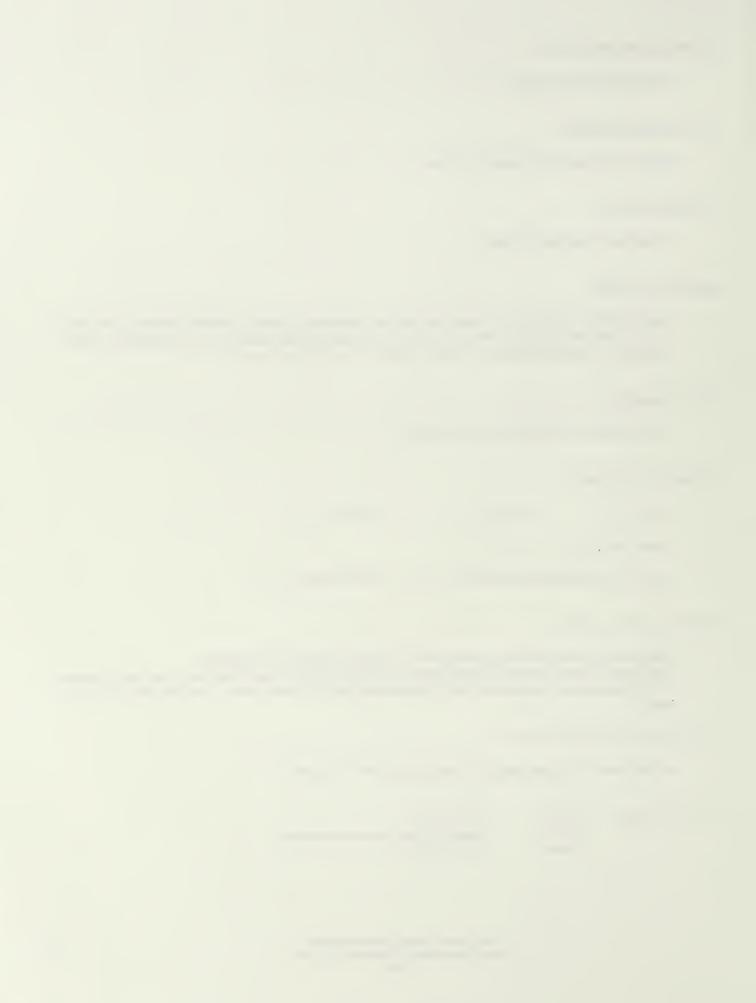
# STANDARD REPORTS GENERATED:

Annual Report of the Vital Statistics of Massachusetts (Public Document 1)

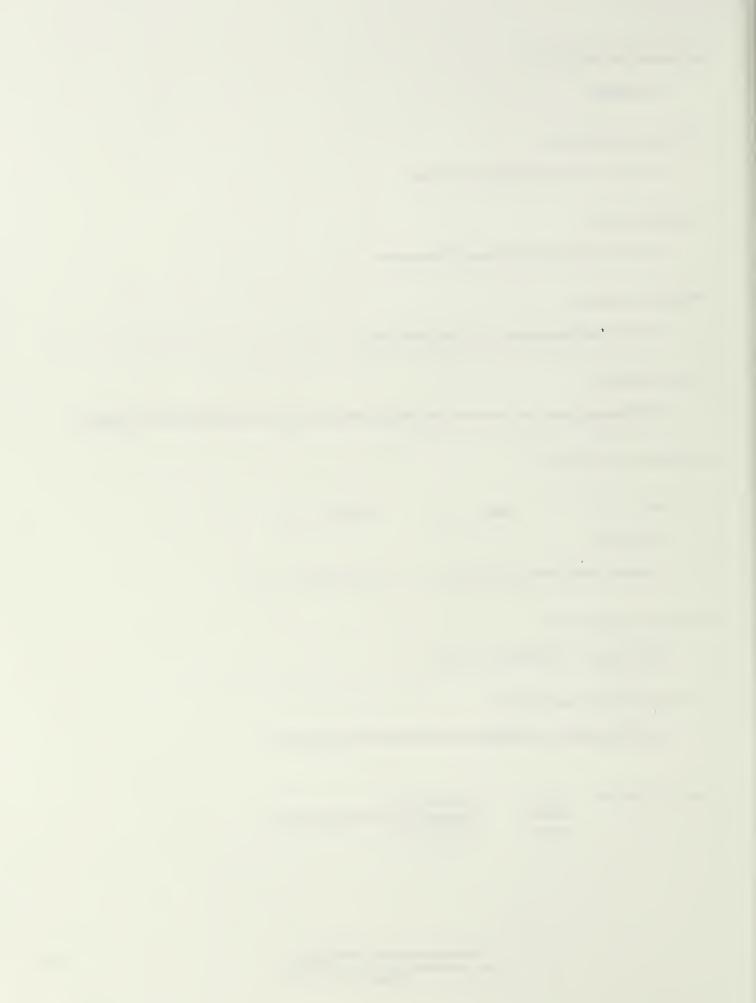
CONTACT PERSON: Name: Charlene Zion

Division: Registry of Vital Records and Statistics

Phone: (617) 753-8670



Marriages	E IIILE:	
Murriages		
DATA SOURCE/METH	ODS:	
The Marriage Co	ertificate Registra	tion System
UNIVERSE/SAMPLE:		
All marriages th	at occur in the sta	te of Massachusetts
FREQUENCY/YEARS:		
Computerized fi	les available for 1	983 and from 1985 on
DATA ELEMENTS:		
	room - Age, num	ber of this marriage, previously widowed or divorced, and date of marriage
CEOCD A DUIG COVED	4.00	
GEOGRAPHIC COVER	AGE:	
State <u>x</u>	County	x City/Townx
Census Tract _		
Community Hea	llth Network Area	(CHNA)x Zip Code Areas
RESTRICTIONS ON AC	CCESS:	
Public Access:	Limited aggregate	e data only
STANDARD REPORTS	GENERATED:	
Annual Report of	of the Vital Statisti	ics of Massachusetts (Public Document 1)
CONTACT PERSON:	Name: Division: Phone:	Charlene Zion Registry of Vital Records and Statistics (617) 753-8670



## Massachusetts Cancer Registry

#### DATA SOURCE/METHODS:

From 1982-1994, only hospitals submitted data. Starting in 1995, all health care facilities and physicians are required to report. Also, reciprocal agreements exist with registries in Florida, Connecticut, Maine, New Hampshire, Vermont, New York, and Rhode Island to obtain data on Massachusetts residents diagnosed out-of-state.

## UNIVERSE/SAMPLE:

All primary incident cases of cancer diagnosed among Massachusetts residents

# FREQUENCY/YEARS:

Data collection began in 1982, ongoing

## **DATA ELEMENTS:**

Demographics - Age, sex, race/ethnicity, state of birth, usual occupation and industry, smoking status

<u>Medical Information</u> - place and date of diagnosis, primary site, histology, stage, sequence number, confirmation method, vital status. (Note: Expanded dataset for cases diagnosed as of 1995 will include follow-up and treatment information.)

## GEOGRAPHIC COVERAGE:

State <u>x</u>	County <u>x</u>	City/Townx		
Census Tract _	x (To be available in the future)			
Community Hea	lth Network Area (CHNA) x	Zip Code Areas	(by special re	auest only)

#### RESTRICTIONS ON ACCESS:

<u>Public Access</u>: Aggregated data by topic and year. Restrictions are placed on data for small areas.

<u>Confidential data</u>: Individual records available to qualified researchers whose applications are approved by the Research Review Committee of the Massachusetts Cancer Registry Advisory Committee and authorized by the Commissioner of the Department of Public Health. See Data Request Protocols, page 13.

## STANDARD REPORTS GENERATED:

Reports published annually. Latest available - Cancer Incidence in Massachusetts: 1982-1992.

**CONTACT PERSON:** 

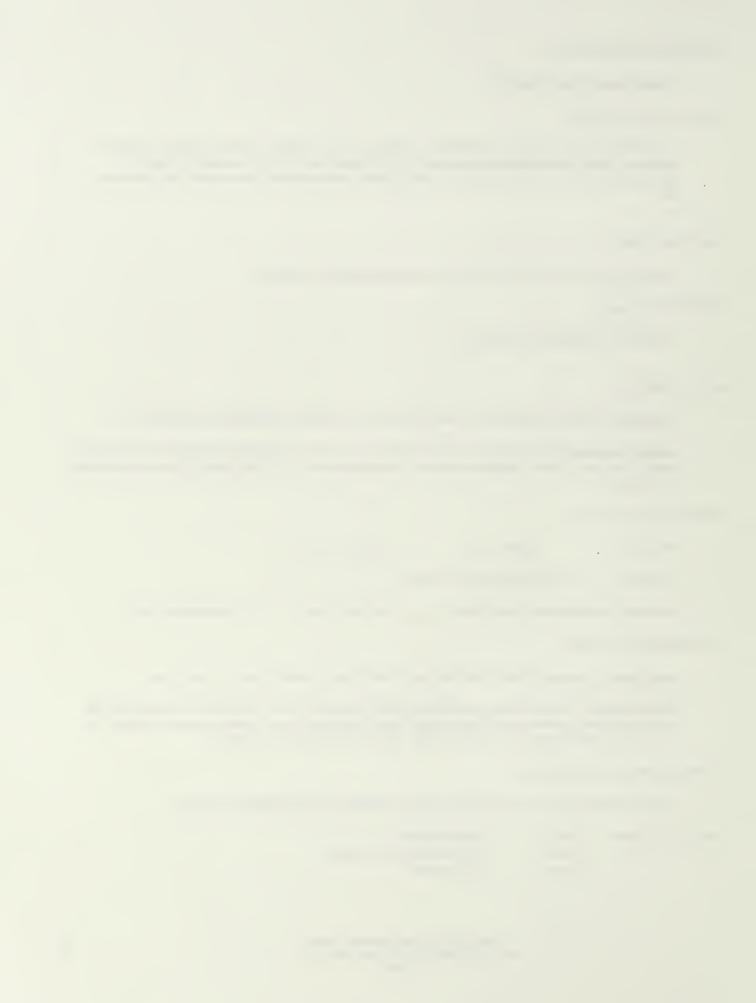
Name:

Annie MacMillan

Division:

Massachusetts Cancer Registry

Phone:



# Massachusetts Tobacco Survey

## DATA SOURCE/METHODS:

Random digit dial telephone interview survey

## UNIVERSE/SAMPLE:

Probability sample of households with telephones. Over-sampling was done in Boston, Worcester, Fall River, New Bedford, Lowell, Lawrence and Springfield. The sample resulted in 4,733 adults and 1,606 youth

## FREQUENCY/YEARS:

The baseline survey was carried out between October 1993 and March 1994.

## DATA ELEMENTS:

Demographics - Age, sex, race/ethnicity, household composition

<u>Medical Information</u> - current smoking status, smoking history, exposure to second-hand smoke, attitude toward smoking and smoking policy

# GEOGRAPHIC COVERAGE:

To be determined

# **RESTRICTIONS ON ACCESS:**

To be determined

## STANDARD REPORTS GENERATED:

Baseline Summary Report and non-technical Brochures

CONTACT PERSON:

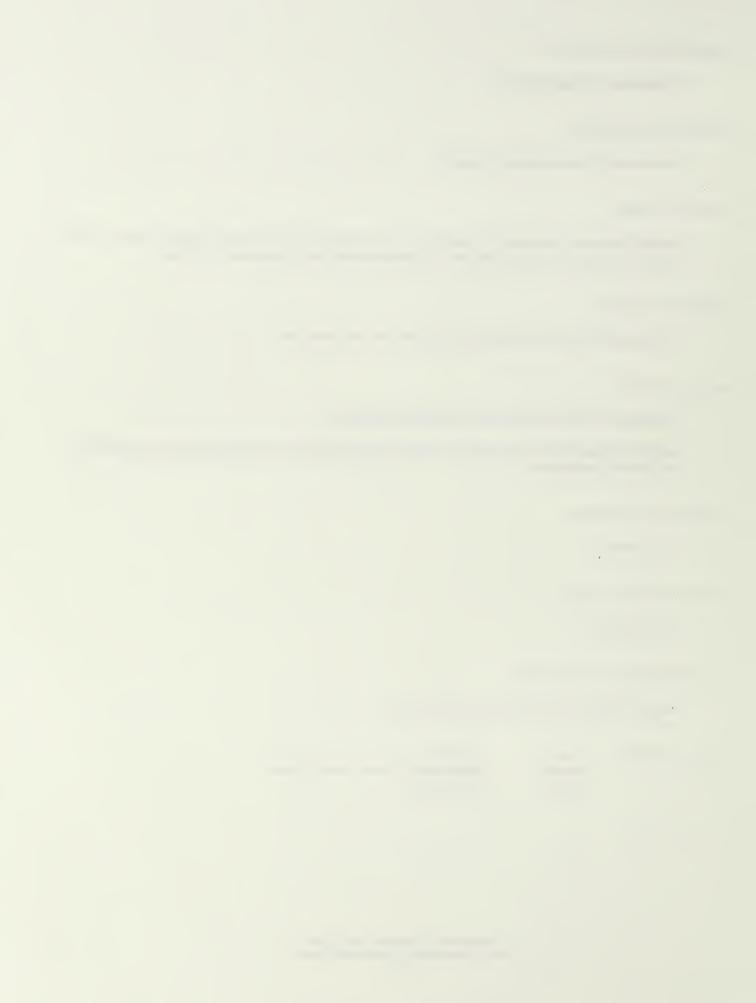
Name:

Doris Cullen

Division:

Massachusetts Tobacco Control Program

Phone:



# Occupational Lead Registry

1	$\Box$	Δ'	ТΔ	SC	II II	D.C	E/	M	ET.	Н	$\cap$	DS	1
	u	Η	$\mathbf{I}$		71	× .		VI	r. i	п	C)		١.

Laboratory reports (resulting from participation in a surveillance program or self-motivated medical examination) and personal interviews

## UNIVERSE/SAMPLE:

All reports for persons 15 years and older with a blood lead level of 25 mcg/dl or greater

# FREQUENCY/YEARS:

Annual, beginning in April 1991

#### DATA ELEMENTS:

For persons with a blood lead level of 25 mcg/dl or greater - Age, Sex, and Hispanic surname

For persons with a blood lead level of 40 mcg/dl or greater, above items and (from detailed personal interview) industry, occupation, source of contamination(occupational or non-occupational), training received on lead hazards, regular notification of blood lead levels, and whether person was removed from job due to harmful exposure

## GEOGRAPHIC COVERAGE:

State <u>x</u>	County	City/Town
Census Tract		
Community Health Netw	ork Area (CHNA)	Zip Code Areas

## **RESTRICTIONS ON ACCESS:**

Public Access: numbers of persons or reports by blood lead levels by industry and occupation

Confidential: Individual records with person-identifying and employer-identifying information

## STANDARD REPORTS GENERATED:

Lead at Work: Elevated Blood Lead Levels among Massachusetts Workers: 1991-1993

CONTACT PERSON:

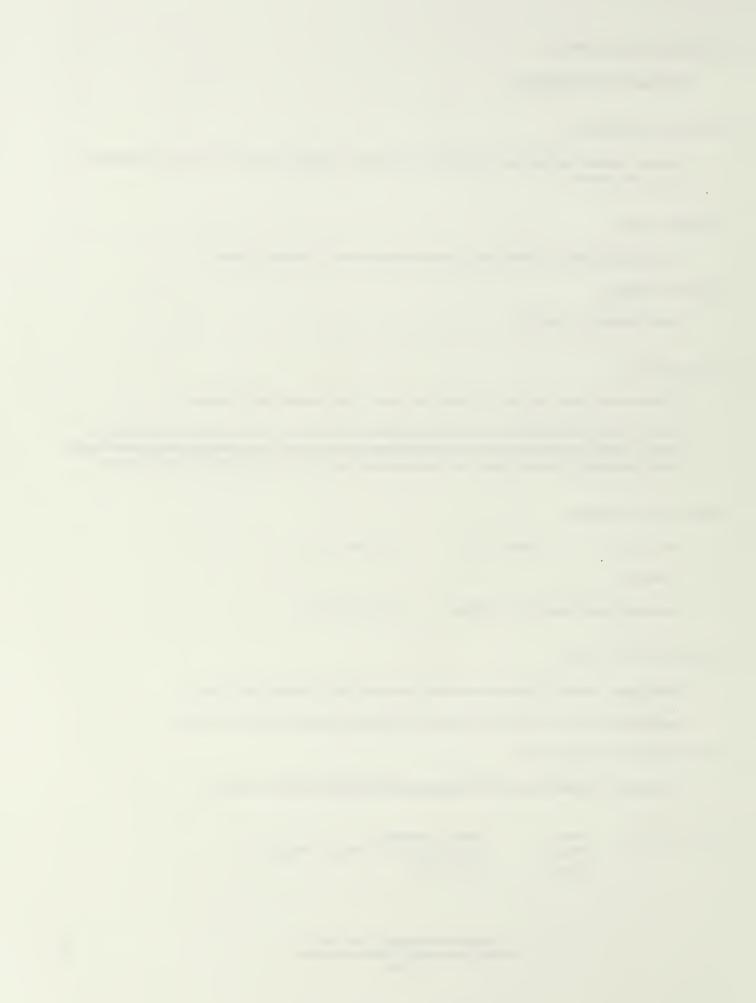
Name:

Letitia K. Davis, ScD

Division:

Occupational Health Surveillance Program

Phone:



# Sentinel Event Notification System for Occupational Risks (SENSOR)

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Physician reports, Worker Compensation data, Uniform Hospital Discharge Data Set with personal follow-up interviews

#### UNIVERSE/SAMPLE:

All reported, suspected and confirmed cases of work-related carpal tunnel syndrome and asthma, and all work-related injuries to children under age 18

## FREQUENCY/YEARS:

Annual, beginning in March of 1992

## **DATA ELEMENTS:**

Demographics - Age, sex, race/ethnicity, industry, occupation

Medical Information - Diagnosis, risk-factor exposure in workplace

# GEOGRAPHIC COVERAGE:

State <u>x</u>	County	City/Town
Census Tract		
Community Health Net	work Area (CHNA)	Zip Code Areas

# **RESTRICTIONS ON ACCESS:**

Public Access: Summary data by condition by industry, occupation, gender, age, race and ethnicity

<u>Confidential</u>: Individual records with person-identifying information

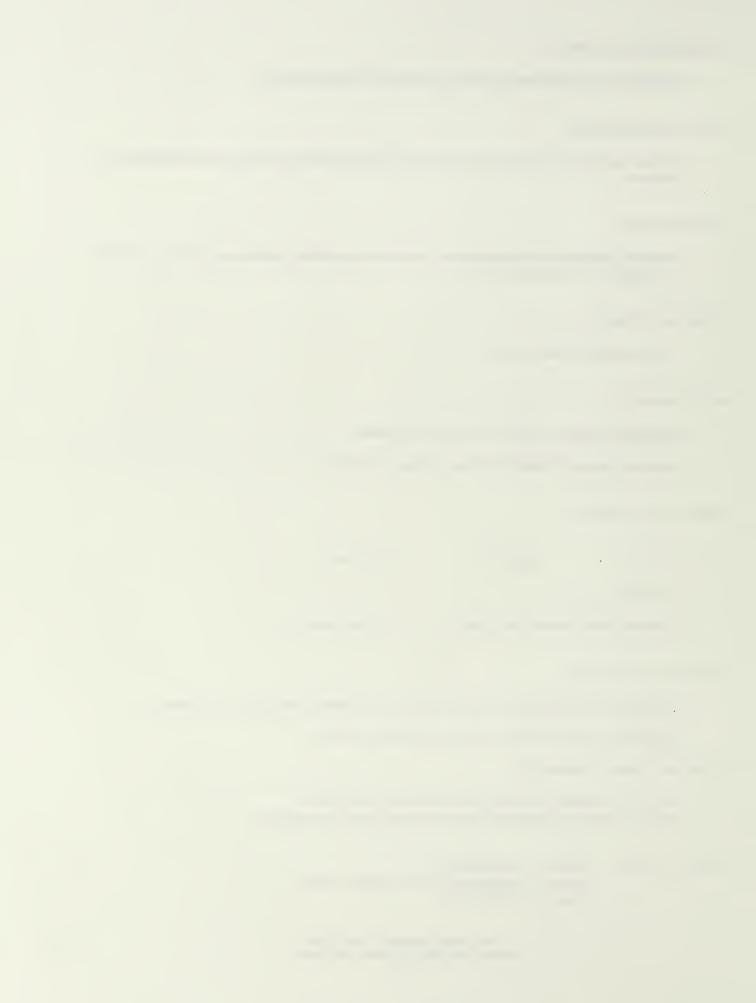
# STANDARD REPORTS GENERATED:

Bi-monthly newsletter with summary data on occupational lung disease Periodic newsletter with summary data on occupational carpal tunnel syndrome

CONTACT PERSON: Name: Helen Wellman

Division: Occupational Health Surveillance Program

Phone: (617) 624-5629



# The Weapon Related Injury Surveillance System (WRISS)

1	$\Box$	Δ	ГΑ	S	$\cap$	T	R	C	F/	M	F1	ΓĿ	10	7	n	5	
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Reporting by	personnel of acute care	hospital emergency	departments which are o	pen to the general	public

## UNIVERSE/SAMPLE:

All cases of gunshot wounds and violence-related sharp instrument wounds

## FREQUENCY/YEARS:

Pilot sites: 1990-1993

Statewide: November 1993, ongoing

## DATA ELEMENTS:

Demographics - Age, sex, race/ethnicity

<u>Incident Information</u> - Place of occurrence, precipitating circumstances, relation of victim to offender, mode of arrival in the emergency room

<u>Medical Information</u> - Location of wound, cause of wound (violence, accident, self-inflicted), discharge diagnosis, suspected intoxication of victim

#### GEOGRAPHIC COVERAGE:

State <u>x</u>	County	City/Town	$\frac{x}{x}$ (with 25,000 or more person	1S)
Census Tract				
Community Heal	th Network Area (CHNA	) Zi	in Code Areas	

## **RESTRICTIONS ON ACCESS:**

Public Access: Summary data by topic and year

Confidential: Individual records with person-identifying information

## STANDARD REPORTS GENERATED:

Annual newsletter summarizing results and occasional special bulletins, journal articles, and slide presentations

CONTACT PERSON:

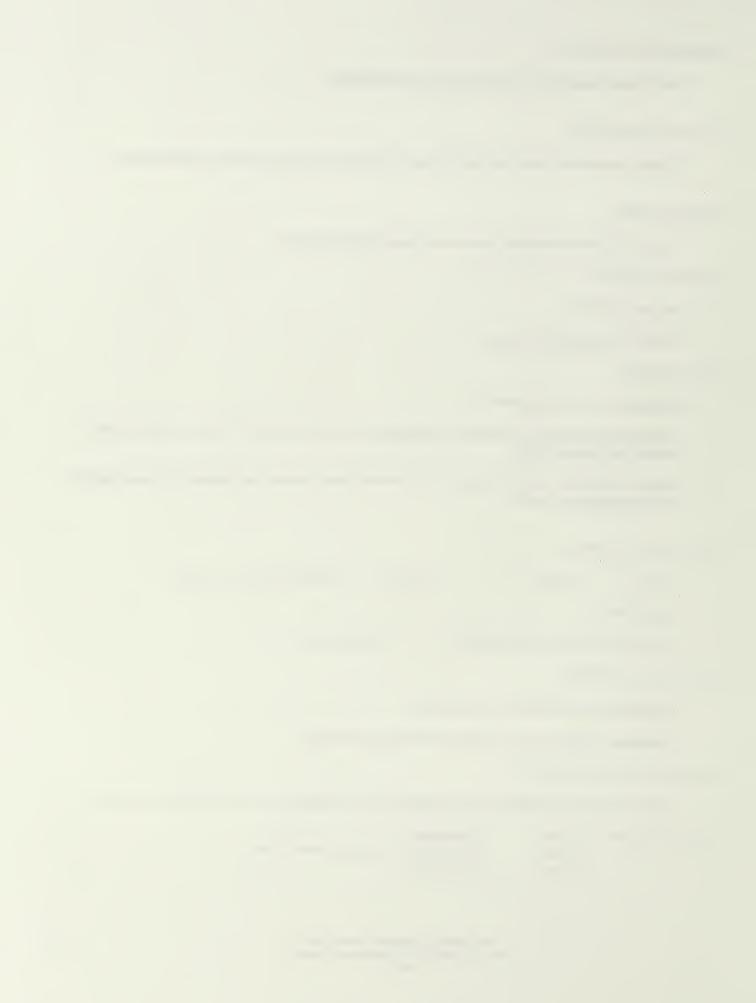
Name:

Cathy Barber

Division:

Weapon Related Injury Surveillance System

Phone:



# ELECTRONIC ACCESS TO DATA

# Massachusetts Department of Public Health Internet Home Page:

World Wide Web: http://www.magnet.state.ma.us/dph/

# **MassCHIP**

An information service which provides community-level data, MassCHIP produces standard and custom reports, maps and graphs for use in assessing community needs, monitoring health status, and program evaluation.

The Massachusetts Community Health Information Profile (MassCHIP) is a dynamic, user-friendly information service developed by the Massachusetts Department of Public Health (MDPH).

Purpose: MassCHIP is a source of community-level data for use in

- assessing community need
- monitoring health status indicators
- evaluating programs.

MassCHIP provides MDPH staff, MDPH contractors, health care providers and community agencies with easy access to 18 different health status, health outcome, program utilization, and demographic data sets. MassCHIP has the ability to create reports at various geographic levels with multiple search criteria, as well as the capacity to create standard reports on selected health topics.

#### Data sets:

## **Vital Statistics**

- Deaths (1989-1994)
- Births (1987-1994)
- Linked birth/infant death (1989-1992)

## **Communicable Disease**

- Childhood immunization (1989-1995)
- measles, pertussis, hepatitis B (1989-1994)
- tuberculosis (1989-1994)
- gonorrhea, chlamydia, syphilis (1989-1994)
- AIDS (1986-1994)

# Sociodemographics

U.S. Census population data:

population counts and interpolations (1985-1995) census survey demographic data (1990)

- Medicaid recipients (1993)
- Unemployment (1990-1995)

# **MDPH Program Utilization**

- Early Intervention (1991-1995)
- WIC (1992-1995)
- Substance Abuse treatment admissions (1992-1994)



#### Other

- Childhood lead screening (1990-1994)
- Cancer incidence (1987-1992)
- Hospital discharges (1989-1992)
- Behavioral Risk Factor Survey (1989-1992)

# Geographic Levels:

- 351 Massachusetts cities and towns
- Neighborhoods in Boston, Springfield, Lowell
- User-defined combinations of cities and towns
- Several standard "regional" groupings (counties, MDPH regions, Community Health Network Areas (CHNAs), Healthy Start regions)

## **Calculated Statistics and Measures**

- Observed counts and statewide proportions
- Crude rates, age-adjusted rates, age-specific rates, standardized ratios (hospitalizations, mortality, cancer incidence)

#### Search Criteria

(As available in original file, these variables allow the user to narrow the search to selected groups of interest)

- Data year
- Race/Ethnicity
- Age
- Education
- Income
- Sex

# Search Options across Data Sets

- Search for all data elements by Healthy People Year 2000 Objectives; linkages possible from data elements or from Healthy People Year 2000 Objective listing
- Search by ICD codes
- Search by "Health Topic Index" for health topic/health issue categories

# Reports

Standard reports (pre-determined sets of data elements, measures, selectors; custom choice of geographic level allowed):

- Healthy People 2000 Chronic Disease Objectives
- Healthy People 2000 Maternal & Child Health Objectives
- Perinatal Health
- Smoking (risks, morbidity, mortality, and hospitalizations)
- Breast Cancer (screening, incidence, mortality, and hospitalizations)
- CHNA Health Status Indicators
- Custom reports (user-selected choices of data sets, selectors, measures, data elements)
- Maps and graphs
- Small numbers are suppressed as needed to protect confidentiality

## **Technical Environment and Access**

- Graphical User Interface written in Visual BASIC for easy use and maintenance.
- Microsoft SQL server database engine running on NT 3.5 Server, supporting 100 simultaneous users through MDPH local area network.
- Client/server-based application with support for up to 40 external users via modems on separate communication server running NT 3.5 Server.
- Minimum requirement for access: Intel-based 386 computer (486 highly recommended) running Microsoft Windows, Windows for Workgroup, Windows 95 or Windows NT with 8 Mbytes RAM, and at least 10 Mbytes of disk space available. Access to either the Internet at 14,400 bps or faster or to MAGNet.
- Telephone help line.



# **System Status:**

**Phase One** provides access to MDPH staff for testing purposes in 1996. Public access through the Internet or MAGNet will be available in late 1996.

Phase Two will include additional data sets, more mapping and graphics features, and additional standard reports.

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# For further information about MassCHIP contact:

Marlene Anderka or Katherine Messenger Bureau of Family and Community Health (617) 624-5500 or 624-6079 or Daniel J. Friedman or Christine Payne Bureau of Health Statistics, Research and Evaluation (617) 624-5613 or 624-5641



